

IN THE SPECIFICATION:

Please amend paragraph [0028] of the specification as follows.

[0028] An electron multiplier section 31 is formed within the depression 301. The electron multiplier section 31 has a plurality of wall parts 311 erected so as to extend along each other from the bottom part 301a of the depression 301. Thus, grooves are constructed between the wall parts 311. Side walls (side walls defining the grooves) of the wall parts 311 and the bottom part 301a ~~of the wall parts 311~~ are formed with secondary electron emitting surfaces comprised of a secondary electron emitting material. Each of the wall parts 311 is provided along the longitudinal axis of the depression 301, whereas its one end is arranged with a predetermined distance from one end of the depression 301, and the other end is arranged at a position reaching the penetrating part 302. An anode 32 is arranged within the penetrating part 302. The anode 32 is arranged with a gap from inner walls of the penetrating part 302, and is fixed to the lower frame 4 by anodic bonding or diffusion bonding.